BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs.	2000000.00

Name of Work: Detailed Estimate for the work of Construction of Samudaya Bhavana at Someshwara nagara near Eswarappa temple in ward no - 04.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	A) Civil works								
1	KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. specification, specification No. KBS 2.1(b) / 2.3.5, No. 5/ Item No. 2.4/ PWD SR 2018-19	cum							
	Columns		12	1.50	1.50	1.50	40.50		
	for foundation		2	10.90	0.90	1.00	19.62		
			2	5.10	0.90	1.00	9.18		
	for sump		1	3.00	2.00	2.00	12.00		
							81.30		
	deduction		12	1.50	0.90	1.00	16.20		
							16.20		
							65.10	376.92	24537.00
	Basic Rate	349.00							
	Area Weightage 8%	27.92							
	Grand Total	376.92							
2	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregate /sand/kaner/ Moorum KSRRB M100-1 Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications MORTH -100/ Chapter 1 (Page No.133/ Item No 17.1) SR 2018-19	cum							
			Vide Item No. 1+2				65.10	87.56	5700.00
	Basic Rate for loading and unloading	57.00							
	Basic Rate for Haulage upto 8.00 k.m =1.28 X 2.50 X 8	25.60							
	Basic Rate	82.60							
	Area Weightage 6%	4.96							

14/11/19

16/12/19

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Grand Total	87.56							
3	KSRB-4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 12/ Item No. 4.3/ PWD SR 2018-19	Cum							
	Columns		12	1.50	1.50	0.15	4.05		
	for foundation		2	10.90	0.90	0.10	1.96		
			2	5.10	0.90	0.10	0.92		
	for sump		1	3.00	2.00	0.15	0.90		
							7.83		
	deduction		12	1.50	0.90	0.15	2.43		
							2.43		
							5.40		
							5.40	5510.16	29755.00
	Basic Rate	5102.00							
	Area Weightage 8%	408.16							
	Grand Total	5510.16							
4	KSRB 5.2.3 Providing and constructing granite / trap / basalt rubble stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 Page No. 23/ Item No. 5.6/ PWD SR 2018-19	Cum							
	for foundation		2	10.60	0.60	0.40	5.09		
			2	5.40	0.60	0.40	2.59		
							7.68	4963.68	38121.00
	Basic Rate	4596.00							
	Area Weightage 8%	367.68							
	Grand Total	4963.68							

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
5	KSRB 5.3-3 Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications KBS 5-1.13 Page No. 26/ Item No. 5.9/ PWD SR 2018-19	Cum							
			2	10.45	0.45	0.40	3.76		
			2	5.55	0.45	0.40	2.00		
							5.76	5921.64	34109.00
	Basic Rate	5483.00							
	Area Weightage 8%	438.64							
	Grand Total	5921.64							
6	Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. Page No. 112/ Item No. 15.1 PWD SR 2018-19	sqm							
			2	10.45		0.40	8.36		
			2	5.55		0.40	4.44		
							12.80	152.28	1949.00
	Basic Rate	141.00							
	Area Weightage 8%	11.28							
	Grand Total	152.28							
7	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms, in depth, compacting each deposited layers by ramming after watering with lead upto 50m, and lift upto 1.5m, including cost of all labour complete as per specifications, specification. No. KBS 2.9, No. 6/ Item No. 2.10/ PWD SR 2018-19	Cum							
			1	10.00	6.00	0.40	24.00		
							24.00	217.08	5210.00
	Basic Rate	201.00							
	Area Weightage 8%	16.08							
	Grand Total	217.08							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
8	KSRB 4.2.2 : Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed 2008 machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. Specification. No. KBS 4.1,4.6, No. KBS 4.1,4.6, No. 13/ Item No. 4.11/ PWD SR 2018-19	Cum							
	for columns		12	0.45	0.23	6.30	7.82		
	for foundation raft		12	1.50	1.50	0.60	16.20		
	pedastal beams		12	0.60	0.60	0.60	2.59		
	foundation beams		2	10.00	0.23	0.30	1.38		
			5	6.00	0.23	0.45	3.11		
			1	10.00	0.23	0.450	1.04		
	lintel		2	10.00	0.23	0.150	0.69		
			2	6.00	0.23	0.150	0.41		
	chajja		8	1.50	0.60	0.075	0.54		
	roof beam		2	10.00	0.23	0.450	2.07		
			5	6.00	0.23	0.450	3.11		
	roof		1	10.00	6.00	0.120	7.20		
	sump		1	3.00	2.00	0.15	0.90		
	sump roof		1	3.00	2.00	0.15	0.90		
	for stair case		2	2.00	1.00	0.12	0.48		
	landing		1	2.00	1.00	0.12	0.24		
	steps		2	14.00	1.00	0.075	2.10		
	inside concrete		1	10.00	6.00	0.100	6.00		
			1	3.00	2.00	0.100	0.60		
							57.38	6111.72	350664.00
	Basic Rate	5659.00							
	Area Weightage 8%	452.72							
	Grand Total	6111.72							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
9	KSRB 4-6 5 : Providing and removing centering, shuttering, strutting, propping etc., for **columns, pillars, piers, abutments, post and struts, square** / rectangular / polygon in plan including cost of all materials, labour complete as per specifications Specification NO KBS 4 6 2 Page No 17/ Item No. 4 32/ PWD SR 2018-19	sqm							
	for columns	12x2	24	0.45		5.600	60.48		
		12x2	24	0.23		5.600	30.91		
		12x2	24	0.60		0.600	8.64		
		12x2	24	0.60		0.600	8.64		
		12x2	24	1.50		0.750	27.00		
		12x2	24	1.50		0.750	27.00		
							162.67	**492.48**	**80113.00**
	Basic Rate	456.00							
	Area Weightage 8%	36.48							
	Grand Total	492.48							
9	KSRB 4-6 10 : Providing and removing centering, shuttering, strutting, propping etc., **for chajjas, corbels etc., including edges** including cost of all materials, labour complete as per specifications Specification NO KBS 4 6 2 Page No 16/ Item No. 4 37/ PWD SR 2018-19	**sqm**							
	for chejja		8	1.50	0.60		7.20		
							7.20	**348.84**	**2512.00**
	Basic Rate	323.00							
	Area Weightage 8%	25.84							
	Grand Total	348.84							
9	KSRB 4-6 3 : - Providing and removing centering, shuttering, strutting, **propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies** and likes, thicknesss above 200mm including cost of all materials, labour complete as per specification KSRB Page No 17/ Item No 4 30/ PWD SR 2018-19	Sqm							
	for roof		1	10.00	6.00		60.00		
	for sump		1	3.00	2.00		6.00		
	for staircase		2	2.00	1.00		4.00		
	for landing		1	2.00	1.00		2.00		
	for roof projection		1	6.00	1.00		6.00		
							78.00	**475.20**	**37066.00**
	Basic Rate	440.00							
	Area Weightage 8%	35.20							
	Grand Total	475.20							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
9	KSRB 4-6.7 : Providing and removing centering, shuttering, strutting, propping etc., and removal of **form work for sides and soffits of beams, beam** haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 17/ Item No. 4.34/ PWD SR 2018-19	sqm							
	for beams plinth	2x2	4	10.00		0.450	18.00		
		5x2	10	6.00		0.450	27.00		
	for roof beams	2x2	4	10.00		0.600	24.00		
		5x2	10	6.00		0.600	36.00		
	for bottom		5	6.00		0.230	6.90		
							111.90	**315.36**	**35289.00**
	Basic Rate	292.00							
	Area Weightage 8%	23.36							
	Grand Total	315.36							
10	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S. 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Page No. 25/ Item No. 5.27/ PWD SR 2018-19	**sqm**							
			2	10.00		3.50	70.00		
			2	6.00		3.50	42.00		
	parpet		2	10.00		1.00	20.00		
			2	6.00		1.00	12.00		
							144.00		
	deduction doors		2	1.00		2.10	**4.20**		
	windows		8	1.50		1.50	**18.00**		
							22.20		
							121.80	**984.96**	**119968.00**
	Basic Rate	912.00							
	Area Weightage 8%	72.96							
	Grand Total	984.96							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
11	KSRB 4.9.2 providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications Specification No. KBS 4.6.3 Page No. 17/ Item No. 4.46/ PWD SR 2018-19	Tonne							
	100kg/cum		0.100	57.38			5.74		
							5.74	76643.28	439745.00
	Basic Rate	70966.00							
	Area Weightage 8%	5677.28							
	Grand Total	76643.28							
12	KSRB 15.3.1 : Providing 12mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever reuired smooth rendering, : Providing and removing scaffolding, including cost of materials, labour Curing complete as per specifications. Page No. 122/ Item No. 15.11/ PWD SR 2018-19	sqm							
	for external		2	10.00		5.00	100.00		
			2	6.00		5.00	60.00		
	for staircase		2	2.00		1.00	4.00		
	landing		1	2.00		1.00	2.00		
	for sump roof		1	3.00		2.00	6.00		
							0.00		
	internal		1	10.75		4.00	43.00		
			2	5.75		4.00	46.00		
	for ceiling		1	5.75		12.75	73.31		
	beams	2x5	10	5.75		0.600	34.50		
			5	5.75		0.230	6.61		
	for steps	2x14	28	1.00		0.230	6.44		
		2x14	28	1.00		0.150	4.20		
	for landing		1	2.00		1.000	2.00		
							388.07		
	deduction		2	1.00		2.10	4.20		
			8	1.50		1.50	18.00		
							22.20		
	Basic Rate	193.00					365.87	208.44	76261.00

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Area Weightage 8%	15.44							
	Grand Total	208.44							
13	KSRRB M800-20: Tubular steel railing of medium weight steel channel (ISMC series) 100 mm x 50 mm :- providing, fixing and erecting 50 mm dia steel pipe railing in 3 rows duly painted on medium weight steel channels (ISMC series) 100 mm x 50 mm, 1.2 meter high above ground, 2m center to center, complete as per approved drawings as per specifications, MORTH specifications No. 808, No. Page No 186 Item no 24.24 SR 2018-19	Mt							
							12.00		
	Basic Rate	1426.00					**12.00**	1540.08	18481.00
	Area Weightage 8%	114.08							
	Grand Total	1540.08							
14	KSRB 9.4-2: Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps) but including cost of materials. Page No 51 Item no 9.11 SR 2018-19	Cum							
	D		4	1.30	0.10	0.10	0.052		
			4	2.10	0.10	0.10	0.0840		
	windows	8x2	16	1.80	0.075	0.075	0.16		
		8x3	24	1.50	0.075	0.075	0.20		
							0.50	94612.32	47353.47
	Basic Rate	87604.00							
	Area Weightage 8%	7008.32							
	Grand Total	94612.32							
15	KSRB 9.7.1: Providing and fixing in position fully panelled Honne wood shutters for doors styles and rails of 30mm. Thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of material 9.34 Page No 51 item no 9 21 SR 2018-19	Sqm							
			2	1.00		2.10	4.20		
							4.20	4629.96	19445.83

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Basic Rate	4287.00							
	Area Weightage 8%	342.96							
	Grand Total	4629.96							
16	KSRB 9 21 2 Providing and fixing in position half panelled Honne wood shutters for window&ventilatorsstyles and rails of 20mm Thick with bottom and lock rails 75mm wide top rail and styles 100mm wide as per drawing and panels of 20mm thick including cost of materials labours and complete as per specification Item no 9 65 Page No 56 SR 2018-19	Sqm							
	windows		8	1.80		1.50	21.60		
							21.60	4262.76	92075.62
	Basic Rate	3947.00							
	Area Weightage 8%	315.76							
	Grand Total	4262.76							
17	FIXTURES for doors and windows Page No XIV SR 2018-19								
	VENTILATORS Sl No 395,385,402,386								
	Hinges 5" heavyduty	Each	1	4			4	37.00	148
	bottom lock nail	Each	2	5			10	47.00	470
	MS Clamps	Each	2	4			8	38.00	304
	Brass screws 25mm	Each	10	5			50	2.10	105
18	KSRB 7 9 Providing and fixing M.S. Grill work for windows and ventilators weighing 21kg/sqm using M.S Flats or M.S. Square roads, or combination of M.S. flats and quare roads as per approved design drawing including cutting steel sections and welding the same to required pattern with a cost of red lead primer, cost of materials fixtures labour and HOM of machinery complete as per specification Page No 32 Item No 7 9 SR 2018-19	Kg's							
	8x1 5x1 8 =21 60 x21kg/sqm = 453 60						453.60		
							453.60	102.60	46539.36
	Basic Rate	95.00							
	Area Weightage 8%	7.60							
	Grand Total	102.60							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
19	KSRB15-7 : Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. (P.99/15.33) SR 2018-19	Sqm							
		Qty Vide internal plastering					162.31	34.56	5609.52
	Basic Rate	32.00							
	Area Weightage 8%	2.56							
	Grand Total	34.56							
20	KSRB 8.6-8: Providing and fixing on wall surface 4.0Kg/Sqcm HDPE rain down water pipes 110mm outer dia Approved makes and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, page No 47 item no 8.19 SR 2018-19	Rmtr							
			4	4.00			16.00	552.96	8847.36
	Basic Rate	512.00							
	Area Weightage 8%	40.96							
	Grand Total	552.96							
21	KSRB 15-14.1: Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter Page No 117 item no 15.49 SR 2018-19	Sqm							
			plastering item				365.87		
							365.87		
	deduction	d	2	1.00		2.1	4.20		
		w	8	1.80		1.5	21.60		
							25.80		
							340.07	118.80	40399.72
	Basic Rate	110.00							
	Area Weightage 8%	8.80							
	Grand Total	118.80							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
22	KSRB 15-17 1 : Applying priming coat over new wood surface and / or wood based surface with white lead paint priming including preparing the surface after thoroughly cleaning oil, grease, dirt, and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications. Page No. 118 Item no 15.55 SR 2018-19	Sqm							
			4	1.00		2.10	8.40		
			8	1.80		1.50	21.60		
							30.00	46.44	1393.20
	Basic Rate	43.00							
	Area Weightage 8%	3.44							
	Grand Total	46.44							
23	KSRB 15-17 6 Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications. Page No.119 / Item No. 15 60 1 / PWD SR 2018-19	Sqm							
			Vide Item No. 23				30.00		
							30.00	104.76	3142.80
	Basic Rate	97.00							
	Area Weightage 8%	7.76							
	Grand Total	104.76							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
24	KSRB 10-2: Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc, consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75kg/sqm conforming admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment, (b) laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junction of walls and slabs, (c) after two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick jointless cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 3000x300mm square, (e) the whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test including cost of materials, labour complete as per specifications. Page No. 68/ Item No. 10.2/ PWD SR 2018-19	sqm							
			1	10.00		6.00	60.00		
	Basic Rate	1006.00					60.00	1086.48	65188.80
	Area Weightage 8%	80.48							
	Grand Total	1086.48							
25	Providing and fixing 40mm thick sadarhalli grey flamed granite slab for bath areas in Bathrooms over a bed of 25mm thick CM 1:6 and fixing granite slab with CM: 1:3 . Page No. 116/ Item No. 15.57 / PWD SR 2018-19	sqm							
			1	10.00		5.75	57.50		
	Basic Rate	1834.00					57.50	1980.72	113891.40
	Area Weightage 8%	146.72							
	Grand Total	1980.72							
	Electrification							**TOTAL A)**	**1744394.00**

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	pointing wiring using copper with switch. Supplying and wiring adoping loop system in exiting PVC conduit/casing caping using copper PVC insulated multi strand 2 x1.5 sqmm coper wire with a 6 Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of wires shall be terminated with sufficient loose length in a wood/PVC round block. Complete for each outlet II point wiring using class B materials (3/6) a) Short point upto 3 mtrs from tapping point to out let via switch	Each	1				1	160.00	160.00
	Medium point above 3Mtrs upto 6Mtrs from taping point to out let via switch	Each	1				1	245.00	245.00
	a) Long point above 6Mtrs upto 10 Mtrs from tapping point to out let via switch	Each	1				1	345.00	345.00
2	Wiring for lightin/power circuit using one of PVC insulted 1100v grade,multistrand copper conductor single core cable in open or consealed system of wiring II Group B e) 6 sqmm (9/20)	Each	1				1	45.00	45.00
3	Groove Cutting Supplying ... dia 2mm/2 5mm thick heavy gauage PVC Conduit Pipe with bends metal junction boxes adhesive paste etc., and bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out the conduit wherever necessary a) 19/20mm dia 2mm thick (2/3)	Per Mtr	1				1	43.00	43.00
4	Supplying and fixing PVC/metal conduit accessories special type Junction Box a) 19/20mm junction box (3/5)	Each	1				1	18.00	18.00
	DEEP Junction Box a) 18/20 mm deep junction box	Each	1				1	29.00	29.00
5	32 Supplying and fixing metal fan box with round hook (32/11)	Each	1				1	72.00	72.00

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
6	Supplying and flush mounting teak wooden box with out front plank made of not less than 12mm thick wood after due groove cutting necessary masonry patch work complete. (6/3) b) 12"x9"x3" (300x228x76mm)	Each	1				1	80.00	80.00
7	Supplying and fixing of modular switch/Scocket/stepped electronic fan regulator/dimmer/telephone socket etc on existing modular switch plate. II using group B" Meterial (8/18) e) 600 watts dimmer	Each	1				1	390.00	390.00
	g) 16 Amps one way switch	Each	1				1	115.00	115.00
	J) 6/16 Amps Universal Socket	Each	1				1	170.00	170.00
8	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulators etc., and fixing on existing wooden or metal box using N.F.Screws. (22/10)	sq.cm	20				20	0.22	4.40
9	Supply patty type fluorescent tube light fitting of 4-36/40 watts flourescent tube fitting,made out of M.S sheet and stove eanmeled with low loss open construction copper wound ferromagnetic ballast, strter,locking type prass contact holders mounted on double fold type sheet base fully wired for use on 230 volts A C supply including 1NO 4-36/40 watts fluorescent tube) (2/16) Group A	Each	1				1	360.00	360.00
10	Fixing all types and all capacities fluorescent/false celing/spot light/CFL fitting indoor on the wall/ celing/rafters/griders using 23/0 0076" twin twisted PVC insulated wires,required nos of blocks and clamps(if required) a) On wall/ ceiling/ Rafter/Griders (7/29)	Each	2				2	105.00	210.00

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
11	Fixing one ceiling/wall mounting fan of all capacities and all types to the exiting S hook with fan regular to the exiting board together with supplying and fixing a 5 ampers ceiling rose,necessary langth of 23/0 0076 inch PVC insulated twin twisted copper wire and wiring completely (8/29)	Each	1				1	105.00	105.00
12	Fixing one exhaust fan in the nitch already left in the wall with bolts and nuts 5 amps ceiling rose with sufficient length of 23/0 0076 inch PVC insulated twin core wire of apporoved Make (12/29)	Each	1				1	310.00	310.00
13	Supplying,fixing wiring earth electrode for grouding conduits. I.C cutouts and other equipment on the meter board using 40mm dia 2.90 thick GI2.5 mtrlong buried in a pit should be filled with equal proporation of salt and charcoal 150mm airound the pipe to complete depth. The conection from the pipe to the conduit etc is to be established throughGI wire of size as oer ISI specifications 7.33 of IS 732 using 12mm dia bolts,nuts,washers and checknuts etc,the pipe shall have 16 through holes 12mm dia (68/01)	Each	2				2	1950.00	3900.00
14	suplying and mixing miniature circuit breakers on exiting MCB disinbution boards using necessary fixing materials and C type curve,indicator ON/OFF energy cross-3 with short circuit breaking capacity of 10k and complete wiring as required a) 32 Amps SP 1)Group A (12/36)	Each	3				3	195.00	585.00

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount (₹)
15	Energy meter box. Supply and instalation/fixing/ provision of outdoor type thermoplastic modular panel enclousers with transperent polycarbonate lid shock proof,coreosion proof having internally embedded gasket on both lid and flap suitable to fix. Single phase/three phase energy meter in suitable base plate and having a provision fo fuse/ MCB cutout with suitable transperent hinged flap opening for operating MCB along with complete tamper proof SEALING facility. a) 300 x 300 x 214 mm (40/42)	Each	3				3	3055.00	9165.00
16	Supplying of LT UG cable having aluminium conductor PVC insulated,sheathed,galvanized,steel wire/steel tap armoured cable with PVC outer sheathing 1.1KV class A PVC Cabled)4 core 16 sqmm (68/04)	Per Mtr	3				3	150.00	450.00
17	Labour charges for laying of 1.1KV Class UG cable in existing trench GI pipe stoneware pipe/on wall/on pole as required a) 6sqmm to 16 10 sqmm (5/69)	R.Mtr	3				3	8.00	24.00
18	Digging of trench of 0.6mm deep * 0.50 mtr wide refilling the trench to the required ground level and consolidating etc. complete.(As per Civil SR KSRB 1-2p-7)a. in Ordinary soil (6/70)	R.Mtr	3				3	40.00	120.00
19	Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not lessthan 3.25mm on pole/wall/drain crossing eith necessary clamping arrangements for UG cable of 1.1 KV class B.50 mm (9/70)	Mtr	3				3	260.00	780.00
20	Suplying and fixing L.T cast Iron Pot Heads suitable for 1.1KV class UG cable filled with Necessary bitumen/insulating compound complete with erminals,clamps,bolts,nuts and washers etc,. b. 16 Sqmm (10/70)	Each	3				3	260.00	780.00
								Total B)	18505.40

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 13-8.11 Providing and fixing to wall, ceiling and floor, low-density polyethylene pipes 10.00KGf/sq.cm. working pressure 25mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling an floor including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications Specification No 13.2.15.1 / 13.9,, Page No. 103/ Item No 13.76 / PWD SR 2018-19	Mtrs							
			1	20.00			20.00		
							20.00	**127.44**	**2549.00**
	Basic Rate	118.00							
	Area Weightage 8%	9.44							
	Grand Total	127.44							
2	KSRB 13.11.1 Providing and placing on terrace Polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 1000 litre capacity) Specification NO KBS 13.22 Page No 94 Item no 13.78 SR 2018-19	Each							
				1.00			1.00		
							1.00	**7374.24**	**7374.00**
	Basic Rate	6828.00							
	Area Weightage 8%	546.24							
	Grand Total	7374.24							
3	KSRB 13-6.5.1 Providing and fixing in position 15mm nominal bore brass ferrule with C.I. mouth cover including boring and tapping the main, cost of all materials, labour and HOM of equipments with all leads complete as per specifications Specifications NO KBS 13.3.3 / 13.14 Page No 89// Item No 13.45 / PWD SR 2018-19	Each							
			1	4			4		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
							4	173.38	696.00
	Basic Rate	161.00							
	Area Weightage 8%	12.88							
	Grand Total	173.88							
4	KSRB 11-3: Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580m with footrests, 100 mm S or P trap, (approved make) cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 Page No. 77/ Item No. 12.3 PWD SR 2018-19	Each							
			3				3		
							3	1437.48	4312.00
	Basic Rate	1331.00							
	Area Weightage 8%	106.48							
	Grand Total	1437.48							
5	Bescom Deposite								
							1	5000.00	5000.00
							Total (C)		19931.00
							Sub Total A+B+c		1782830
							GST 12%		213940
6	Miscellaneous charges								3229.95
								Total	2000000.00

(Rupees Twenty Lakhs Only)

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2018-19
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Yelahanka satellitetown Sub Division
Bangalore-64

Executive Engineer
Yelahanka Division
Bangalore-64

Administrative Approval

Accorded For Rs 20.00 lakhs only
Head of A/C P1771
CER NO :224 Dt: 25.02.2019

GA

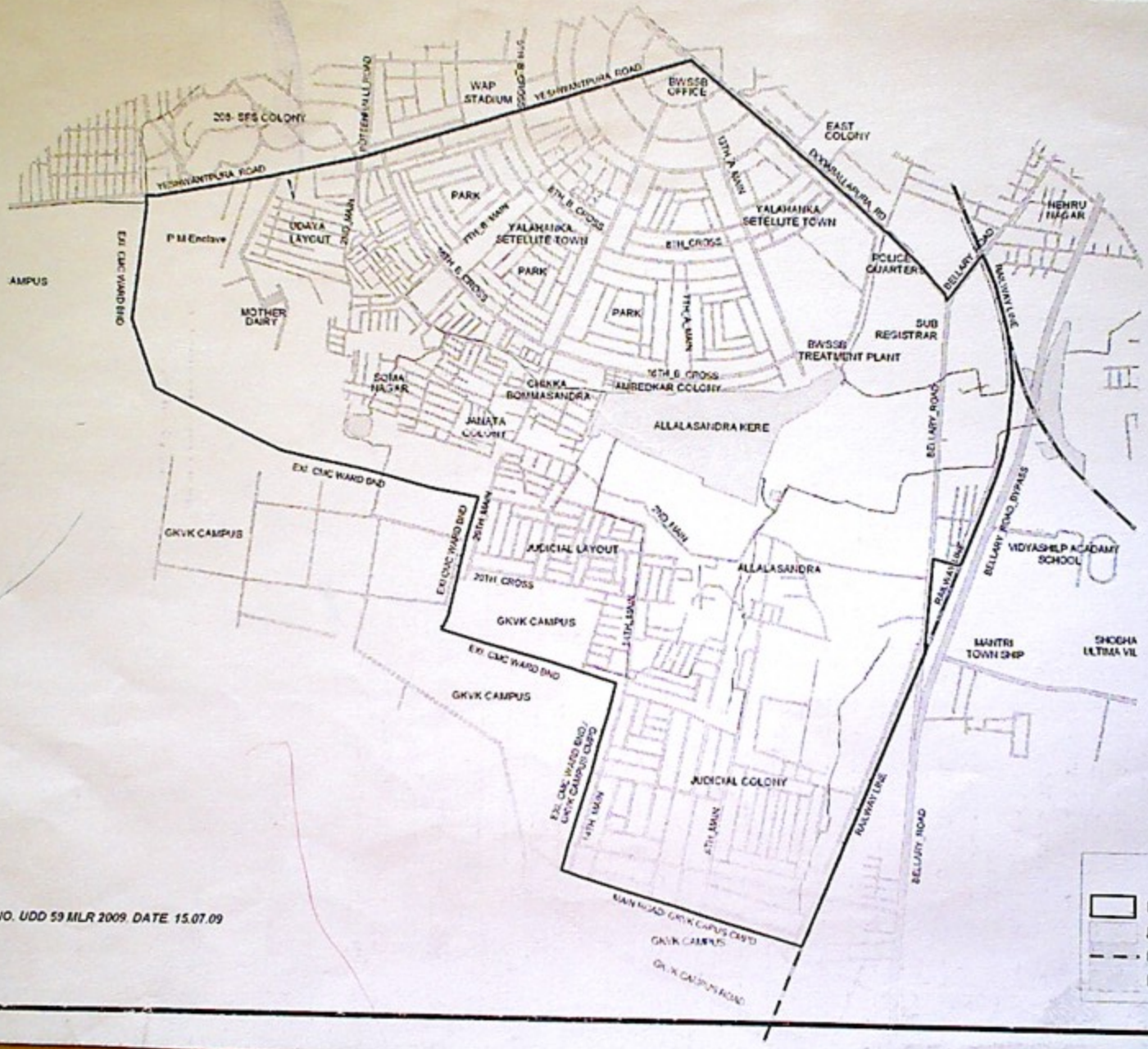
CE (YNK)

ADMINISTRATIVELY SANCTIONED FOR Rs. 20.00 lc
Rupees Twenty Lakhs only
Under P.1771 - 2018-19
Registered as CE ( ) No. 95
Subject to conditions contained in enclosed memo EE ( ) No. /91
Dt. Estimate Sanctioned
CE/TS/88/18-19
Dated 25-02-19 Rs. 20.00 lc

Executive Engineer

BRUHAT BANGALORE MAHANAGAR PALIKE
WARD: 4 - YELHANKA SATELLITE TOWN

150 - YELAHANKA AC



NOTIFICATION NO. UDD 59 MLR 2009, DATE. 15.07.09